9	(b) irradiating the solid phase of step (a) with a laser light of 242-257 nm to
10	produce a resonance enhanced Raman backscattered energy; and
11	(c) comparing the induced spectrum of step (b) with said characteristic
12	spectrum to detect the presence of the microorganism in the sample, the method detecting the
13	presence of the microorganism when at least a 200:1 ratio of solid phase immobilized
14	antibodies in the medium to microorganism in the sample exists.

(Amended) The method of claim 9 wherein the characteristic spectrum is at 2 1498 cm⁻¹.

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- 1 12. (Thrice Amended) A system for the detecting the presence of a specific neighborhood neighb
 - (a) means for contacting the sample with a medium comprising solid phase immobilized antibodies which specifically bind to a characteristic cell surface antigen on the microorganism to form an antigen-antibody complex, thereby immobilizing the microorganism on the solid phase;
 - (b) means for irradiating the solid phase of step (a) with a laser light of 242-257 nm to produce a resonance enhanced Raman backscattered energy spectrum; and
- 11 (c) means for comparing the induced spectrum of step (b) with the 12 characteristic spectrum to detect the presence of the microorganism in the sample, the system